What is claimed is:

1. A light transmitting hard coat film for use in touch panels, which comprises: (A) a light transmitting hard coat layer composed of a cured product of an ionizing-radiation-curable compound; (B) a high refractive index layer composed of a cured product of an ionizing-radiation-curable compound and containing antimony-doped tin oxide plus zirconium oxide and/or titanium oxide, as metal oxides, which has a refractive index in the range of 1.65 to 1.90 and a thickness of 30 to 160 nm; and (C) a low refractive index layer composed of a cured product of a siloxane-based curable compound which has a refractive index in the range of 1.40 to 1.55 and a thickness of 10 to 50 nm, all the layers being laminated on one side of a light transmitting base film in this order.

2. The light transmitting hard coat film for use in touch panels as claimed in claim 1, which comprises further a light transmitting hard coat layer on the opposite side surface to the side of the light transmitting base film on which the light transmitting hard coat layer (A) composed of a cured product of an ionizing-radiation-curable compound is formed.

3. The light transmitting hard coat film for use in touch panels as claimed in claim 1 or 2, wherein the light transmitting hard coat layer is an antiglare light transmitting hard coat layer.

4. The light transmitting hard coat film for use in touch panels as claimed in any one of claims 1 to 3, wherein the content of the antimony-doped tin oxide in the high refractive index layer is 20 to 90% by mass of the total amount of all the metal oxides.